

WHAT IS CLAIMED IS:

1. An ink set for inkjet recording, comprising at least three kinds of inkjet inks, each of which includes a coloring agent dissolved or dispersed in an aqueous or oily medium and has a maximum absorption spectrum in a spectral absorption region different from each other,

wherein, when a photographic printing is performed on a reflection-type image-receiving medium using the ink set and a forced discoloration rate constant with an ozone gas of each ink is determined in each printed region of said at least three kinds of inks, the ratio of any two of the forced discoloration rate constants is from 0.5 to 2.0.

2. The ink set for inkjet recording as claimed in claim 1, which comprises at least one cyan ink, at least one magenta ink and at least one yellow ink.

3. The ink set for inkjet recording as claimed in claim 1, which comprises at least one black ink.

4. The ink set for inkjet recording as claimed in claim 1, which comprises two cyan inks, two magenta inks and two yellow inks.

5. The ink set for inkjet recording as claimed in

claim 1, wherein the coloring agent is a dye.

6. The ink set for inkjet recording as claimed in claim 1, wherein the coloring agent is a pigment.

7. The ink set for inkjet recording as claimed in claim 1, wherein the coloring agent includes a dye and a pigment.

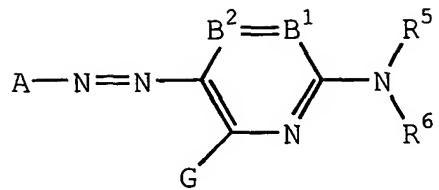
8. The ink set for inkjet recording as claimed in claim 1, wherein the ratio of any two of the forced discoloration rate constants is from 0.7 to 1.4.

9. The ink set for inkjet recording as claimed in claim 1, wherein the ratio of any two of the forced discoloration rate constants is from 0.8 to 1.25.

10. The ink set for inkjet recording as claimed in claim 1, wherein each of the at least three kinds of inkjet inks contains the coloring agent in an amount of 0.2 to 20 wt%.

11. The ink set for inkjet recording as claimed in claim 1, wherein the at least three kinds of inkjet inks contains a compound represented by the following formula

(1):



wherein A represents a 5-membered heterocyclic group;

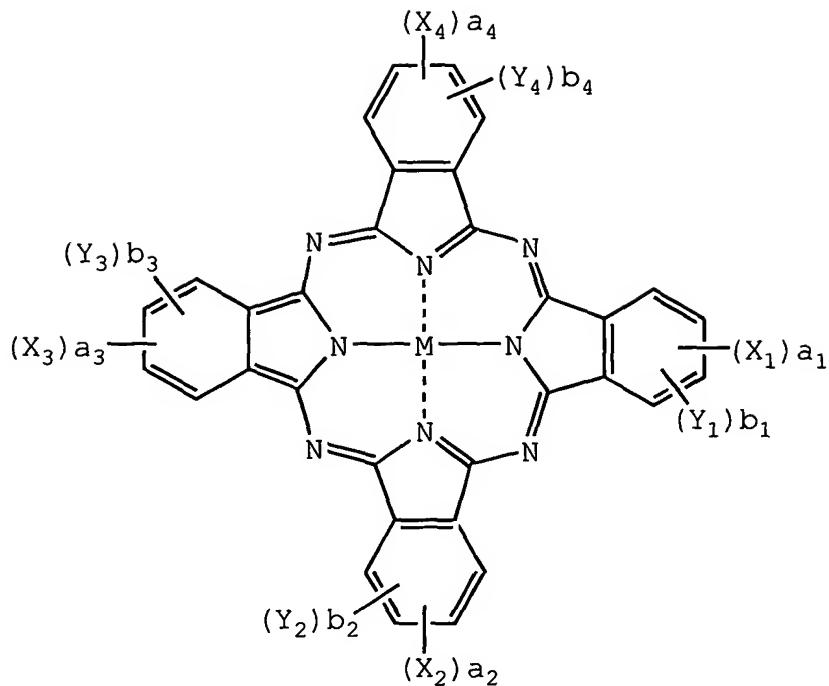
$B^1$  and  $B^2$  each represents a nitrogen atom,  $=CR^1-$  or  $-CR^2=$ , and when either one of  $B^1$  and  $B^2$  represents a nitrogen atom, the other represents  $=CR^1-$  or  $-CR^2=$ ;  $R^5$  and  $R^6$  each represents a hydrogen atom, an aliphatic group, an aromatic group, a heterocyclic group, an acyl group, an alkoxy carbonyl group, an aryloxy carbonyl group, a carbamoyl group, an alkylsulfonyl group, an arylsulfonyl group or a sulfamoyl group, and the hydrogen atom of each substituent may be substituted;

G, R<sup>1</sup> and R<sup>2</sup> each independently represents a hydrogen atom, a halogen atom, an aliphatic group, an aromatic group, a heterocyclic group, a cyano group, a carboxyl group, a carbamoyl group, an alkoxycarbonyl group, an aryloxycarbonyl group, a heterocyclic oxycarbonyl group, an acyl group, a hydroxy group, an alkoxy group, an aryloxy group, a heterocyclic oxy group, a silyloxy group, an acyloxy group, a carbamoyloxy group, an alkoxycarbonyloxy group, an aryloxycarbonyloxy group, an amino group, an acylamino group, a ureido group, a sulfamoylamino group, an alkoxycarbonylamino group, an aryloxycarbonylamino group,

an alkylsulfonylamino group, an arylsulfonylamino group, a heterocyclic sulfonylamino group, a nitro group, an alkylthio group, an arylthio group, a heterocyclic thio group, an alkylsulfonyl group, an arylsulfonyl group, a heterocyclic sulfonyl group, an alkylsulfinyl group, an arylsulfinyl group, a heterocyclic sulfinyl group, a sulfamoyl group or a sulfo group, and the hydrogen atom of each substituent may be substituted;

$R^1$  and  $R^5$ , or  $R^5$  and  $R^6$  may combine to form a 5- or 6-membered ring.

12. The ink set for inkjet recording as claimed in claim 1, wherein the at least three kinds of inkjet inks contains a compound represented by the following formula (I):



wherein  $X_1$ ,  $X_2$ ,  $X_3$  and  $X_4$  each represents  $-SO-Z$ ,  $-SO_2-Z$ ,  $-SO_2NR_1R_2$ , a sulfo group,  $-CONR_1R_2$  or  $-CO_2R_1$ ;  $Z$  represents an alkyl group, a cycloalkyl group, an alkenyl group, an aralkyl group, an aryl group or a heterocyclic group;  $R_1$  and  $R_2$  each represents a hydrogen atom, an alkyl group, a cycloalkyl group, an alkenyl group, an aralkyl group, an aryl group or a heterocyclic group; when a plural number of  $Z$ s are present, the plurality of  $Z$ s may be the same or different;  $Y_1$ ,  $Y_2$ ,  $Y_3$  and  $Y_4$  each represents a monovalent substituent; when a plural number of  $X_1$ s,  $X_2$ s,  $X_3$ s,  $X_4$ s,  $Y_1$ s,  $Y_2$ s,  $Y_3$ s or  $Y_4$ s are present, the plurality of  $X_1$ s,  $X_2$ s,  $X_3$ s,  $X_4$ s,  $Y_1$ s,  $Y_2$ s,  $Y_3$ s or  $Y_4$ s may be the same or different;  $M$  represents a hydrogen atom, a metal atom, or an oxide, hydroxide or halide thereof;  $a_1$  to  $a_4$  and  $b_1$  to  $b_4$  each

represents the number of substituent  $X_1$ ,  $X_2$ ,  $X_3$ ,  $X_4$ ,  $Y_1$ ,  $Y_2$ ,  $Y_3$  or  $Y_4$ , and  $a_1$  to  $a_4$  each represents an integer of 0 to 4 but all of  $a_1$  to  $a_4$  are not 0 at the same time;  $b_1$  to  $b_4$  each represents an integer of 0 to 4.

13. An inkjet recording method, comprising forming an image using the ink set for inkjet recording claimed in claim 1.